FIG. 1

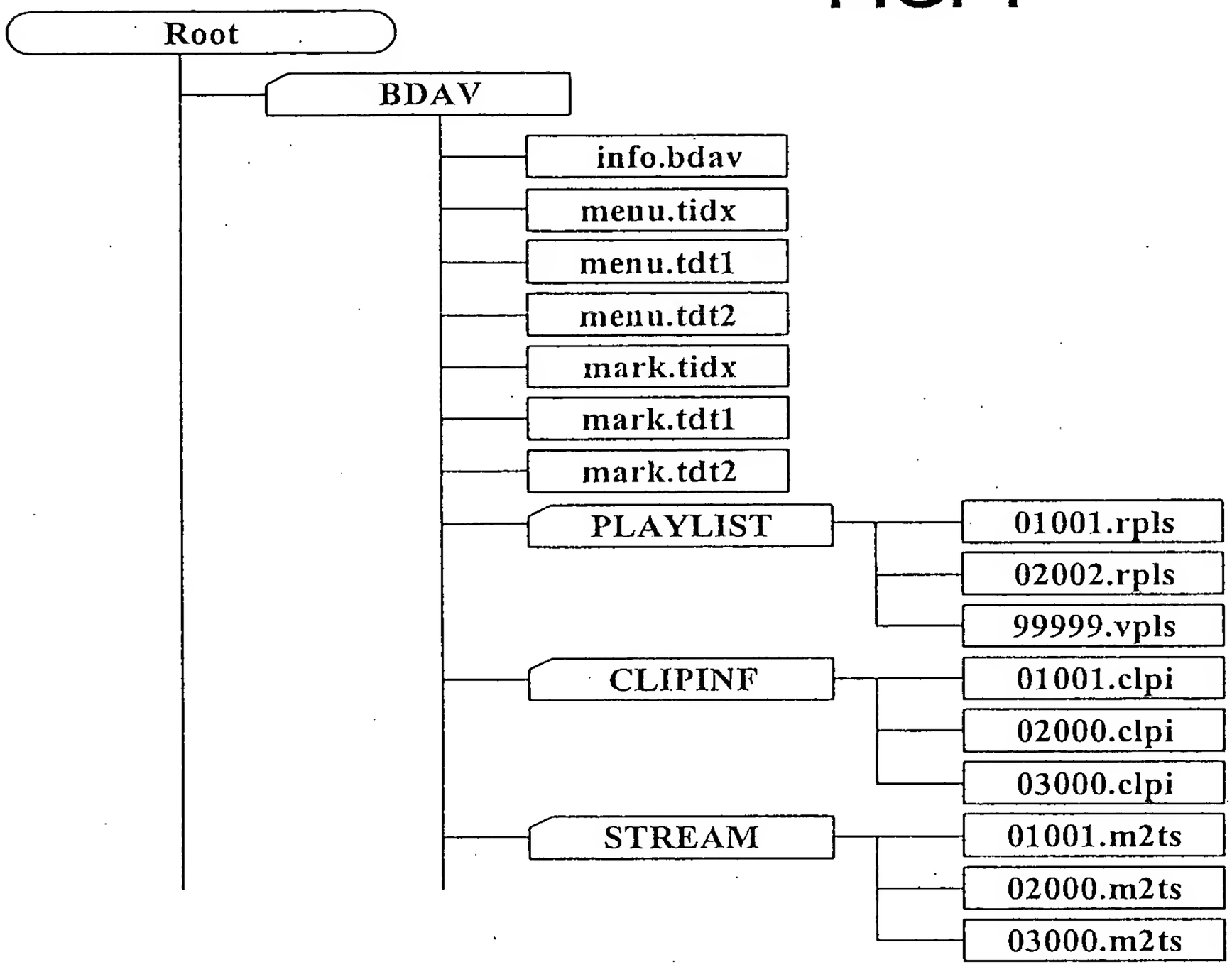
Root
BDAV
info.bdav
menu.tidx
menu.tdt1
menu.tdt2
mark.tidx
mark.tdt1
mark.tdt2
PLAYLIST
01001.rpls
02002.rpls
99999.vpls
CLIPINF
01001.clpi
02000.clpi
03000.clpi
STREAM
01001.m2ts
02000.m2ts
03000.m2ts

FIG. 2

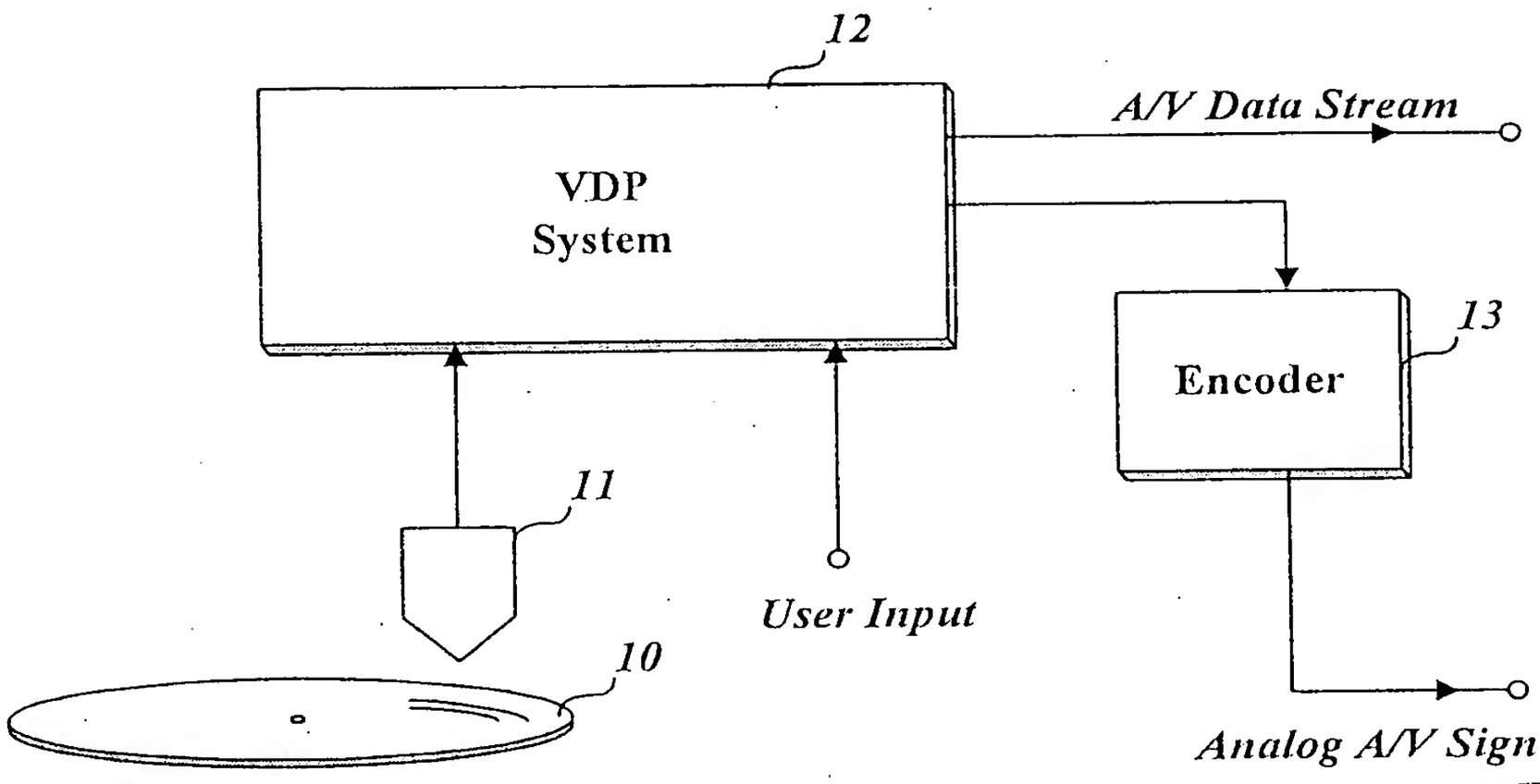
12
VDP
System
A/V Data Stream
Encoder
13
11
User Input
10
Analog A/V Signal

FIG. 3

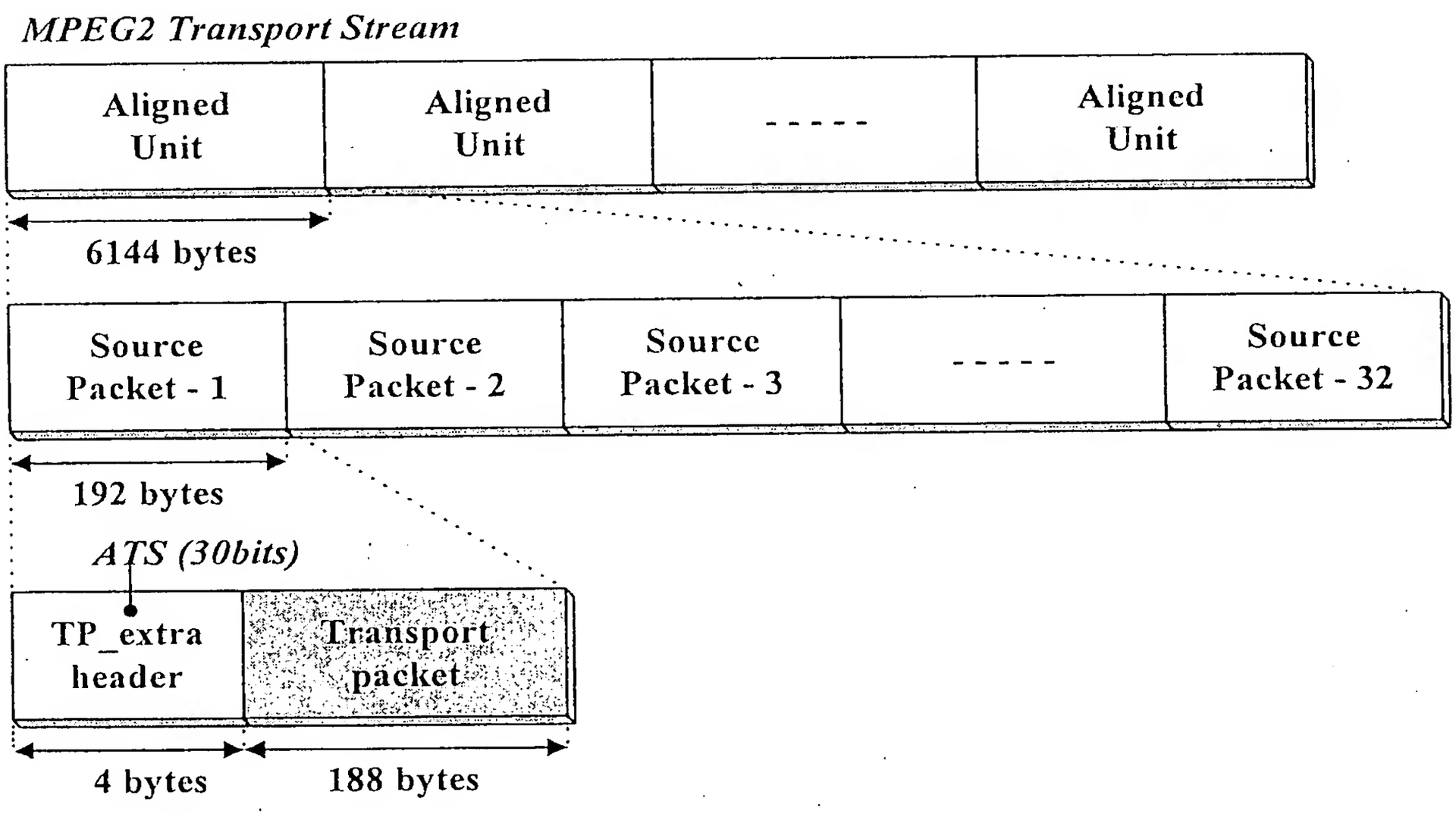
MPEG2 Transport Stream
Aligned Unit
Aligned Unit
- - - - -
Aligned Unit
6144 bytes
Source Packet - 1
Source Packet - 2
Source Packet - 3
- - - - -
Source Packet - 32
192 bytes
ATS (30bits)
TP_extra header
Transport packet
4 bytes
188 bytes

FIG. 4

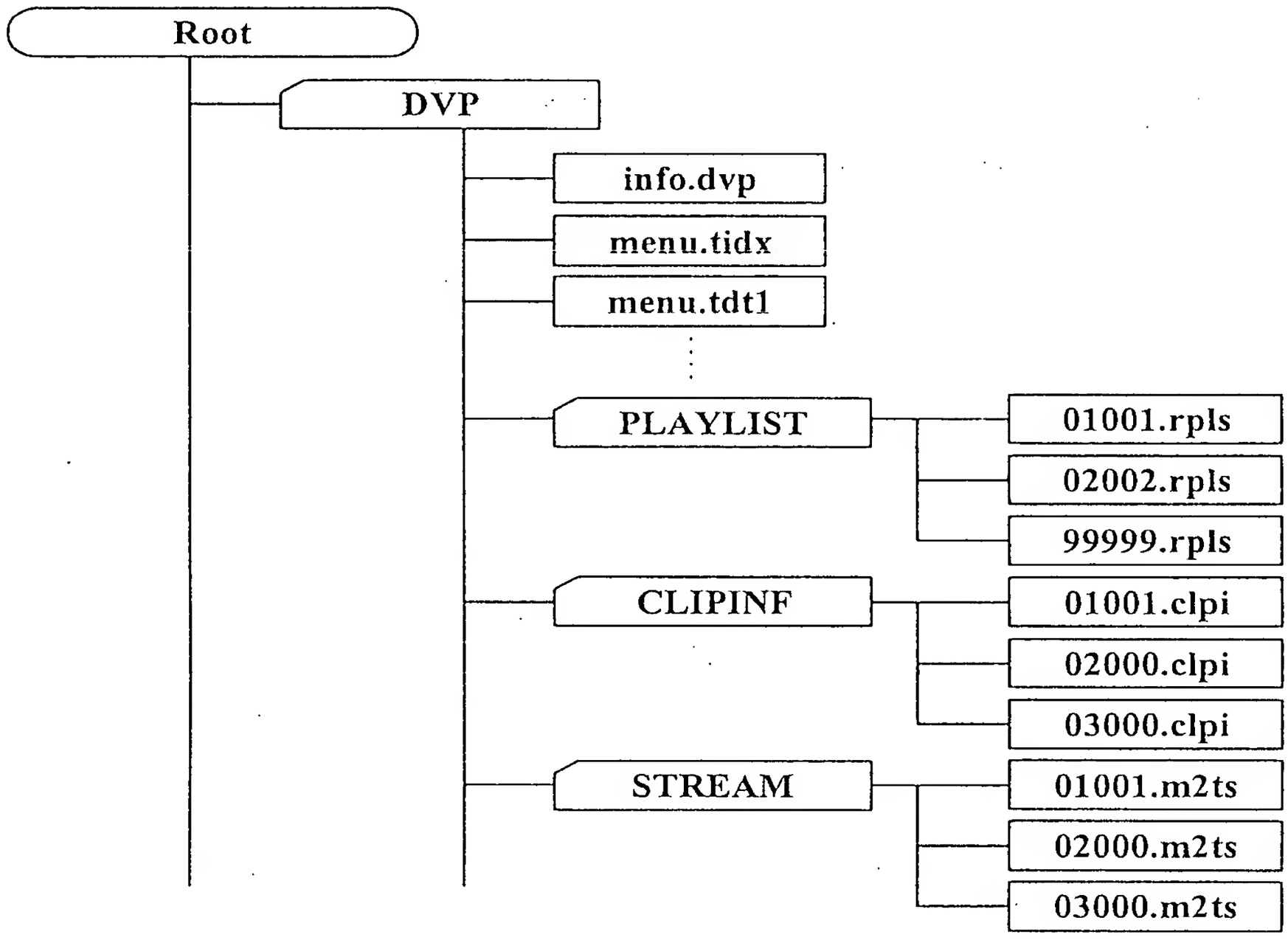
Root
DVP
info.dvp
menu.tidx
menu.tdt1
PLAYLIST
01001.rpls
02002.rpls
99999.rpls
CLIPINF
01001.clpi
02000.clpi
03000.clpi
STREAM
01001.m2ts
02000.m2ts
03000.m2ts

FIG. 5

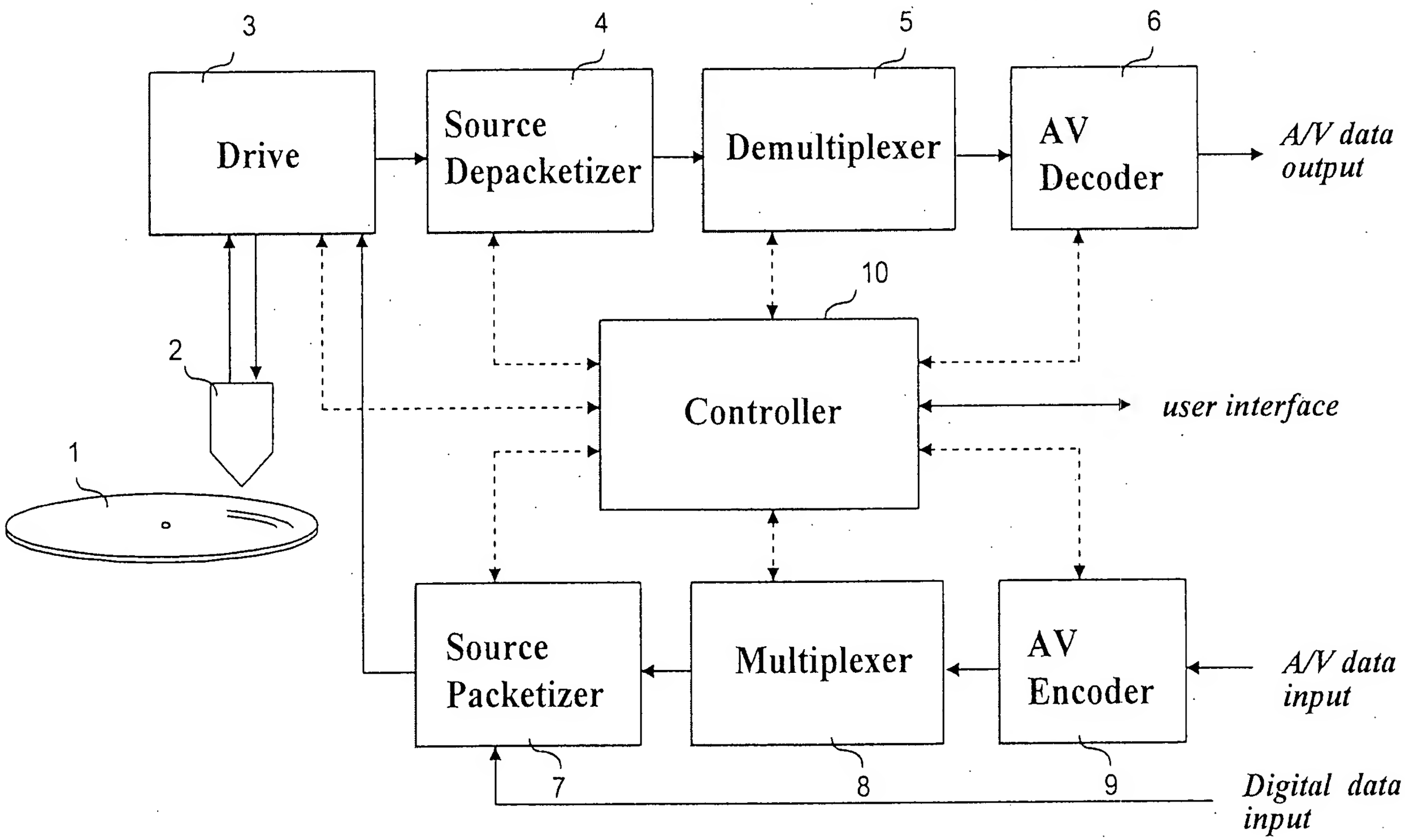
3
4
5
6
Drive
Source Depacketizer
Demultiplexer
AV Decoder
A/V data output
10
2
Controller
user interface
1
Source Packetizer
Multiplexer
AV Encoder
A/V data input
7
8
9
Digital data input

FIG. 6

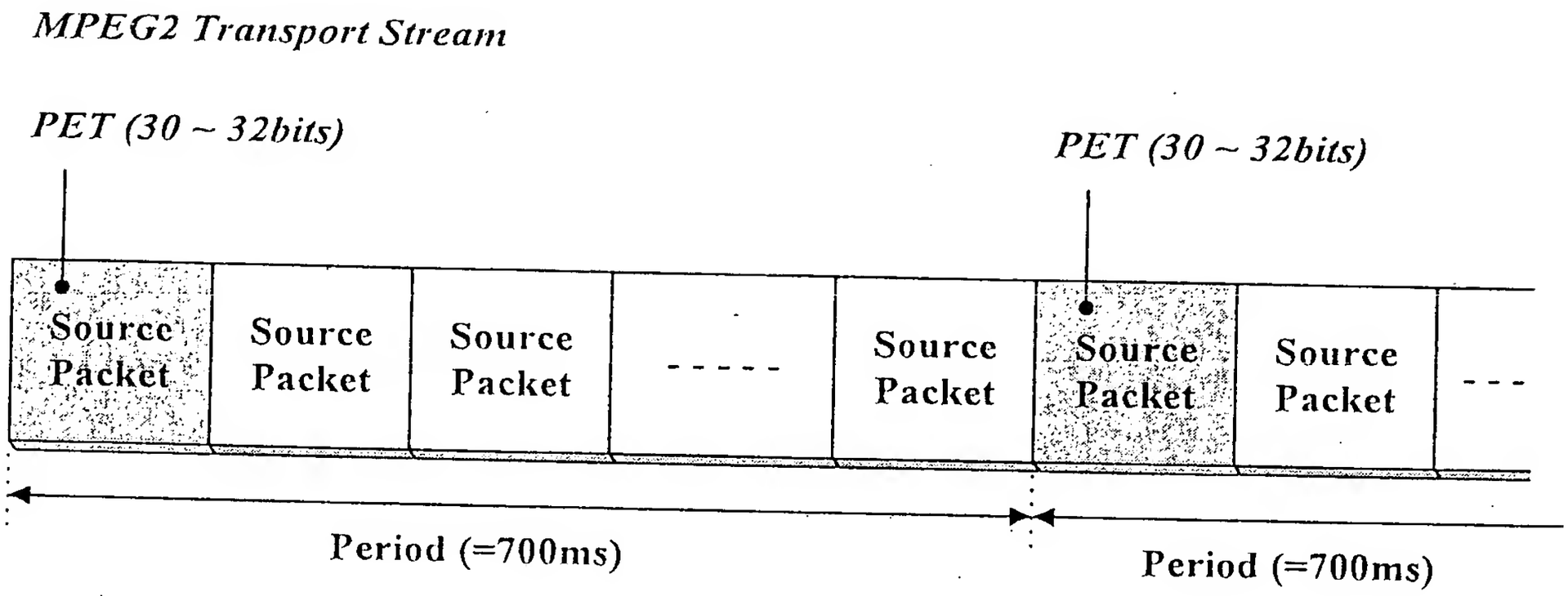
MPEG2 Transport Stream
PET (30 ~ 32bits)
PET (30 ~ 32bits)
Source Packet
Source Packet
Source Packet
- - - - -
Source Packet
Source Packet
Source Packet
- - -
Period (=700ms)
Period (=700ms)

FIG. 7

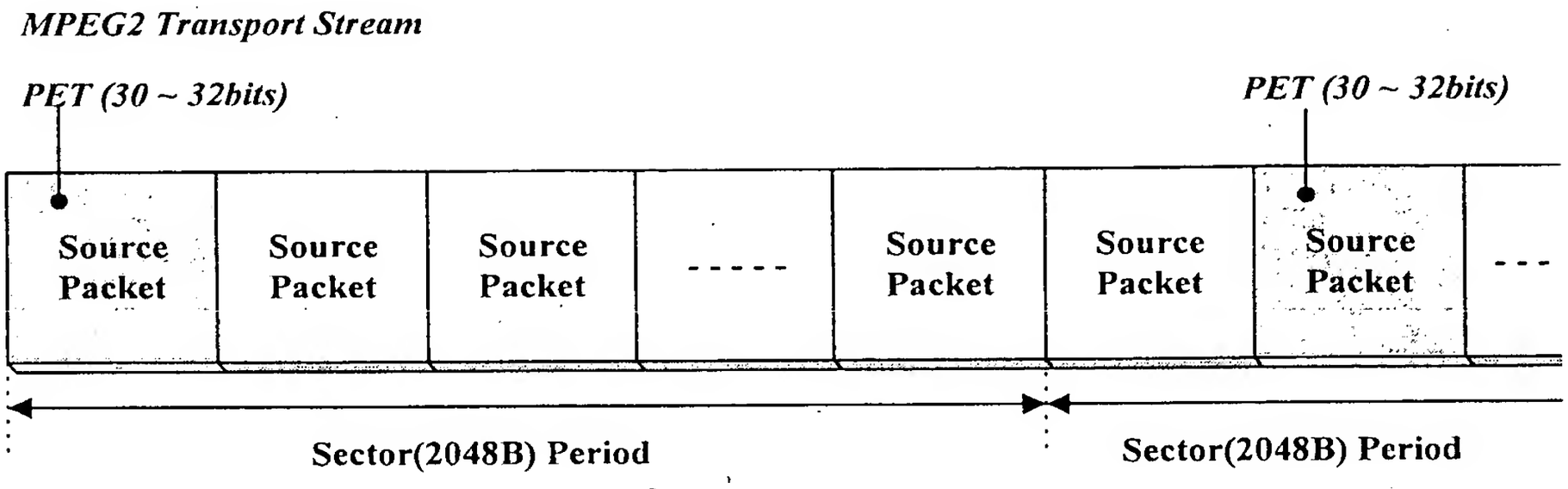

FIG. 8

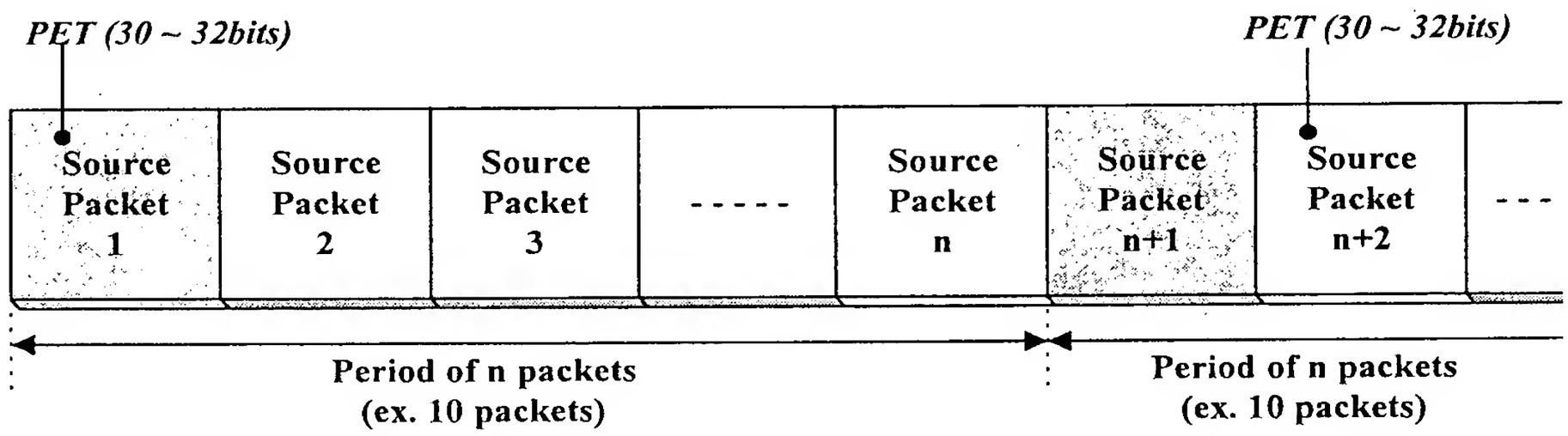

FIG. 9

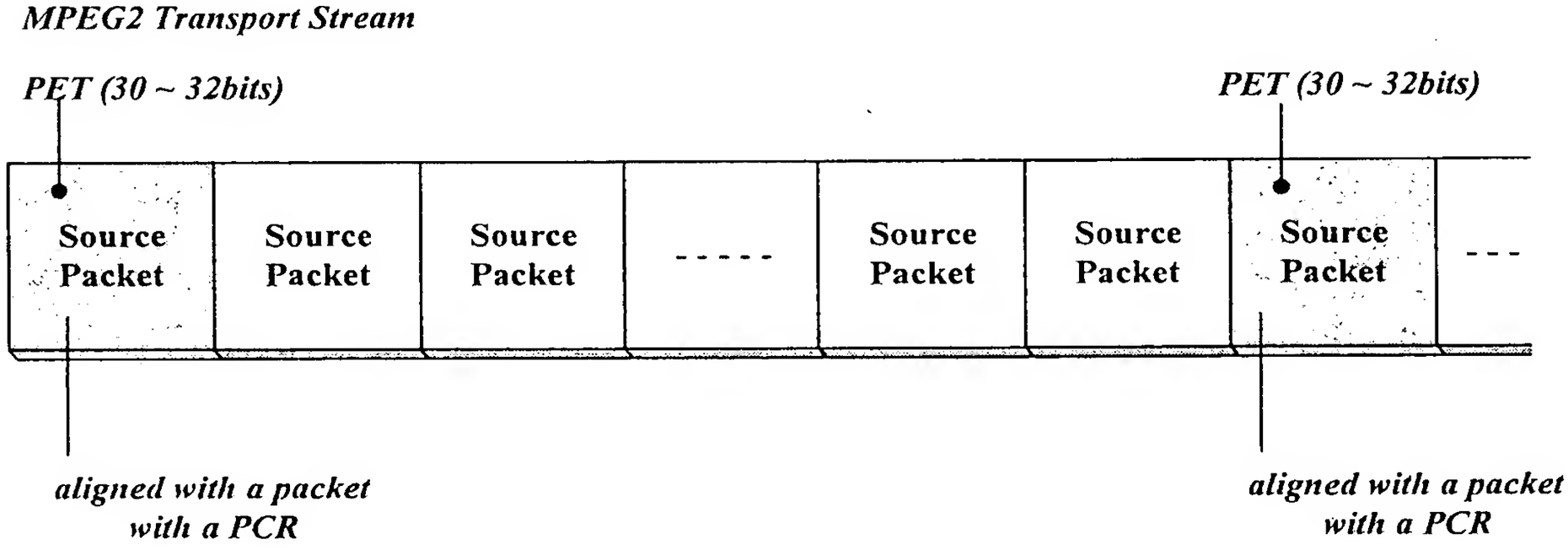

FIG. 10

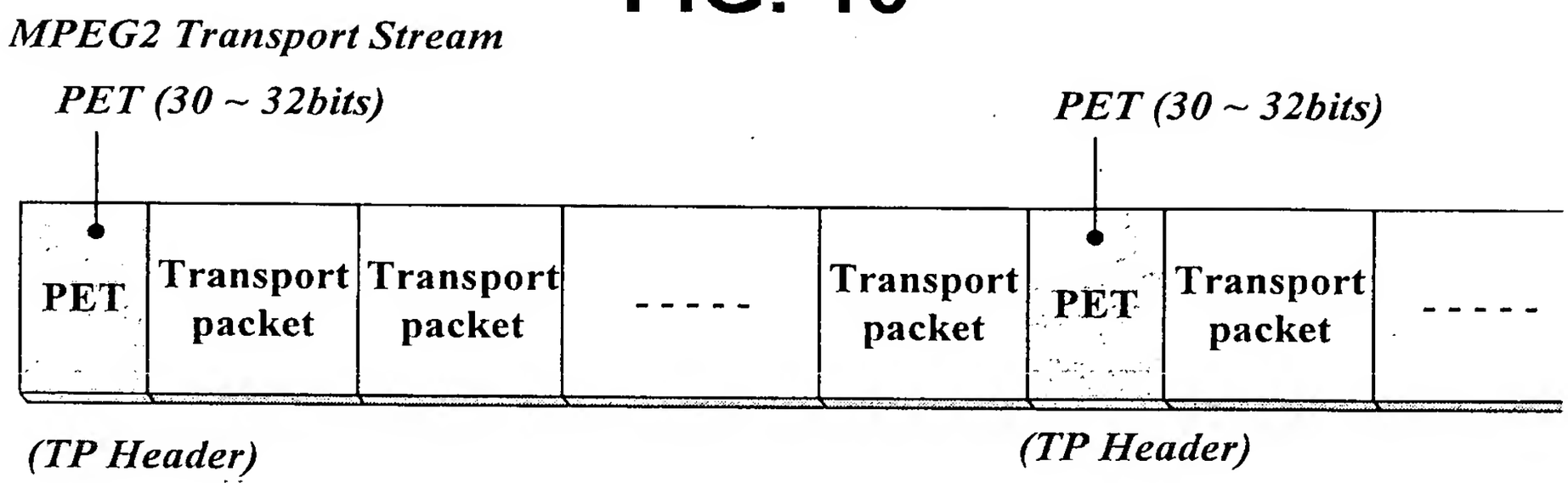

FIG. 11

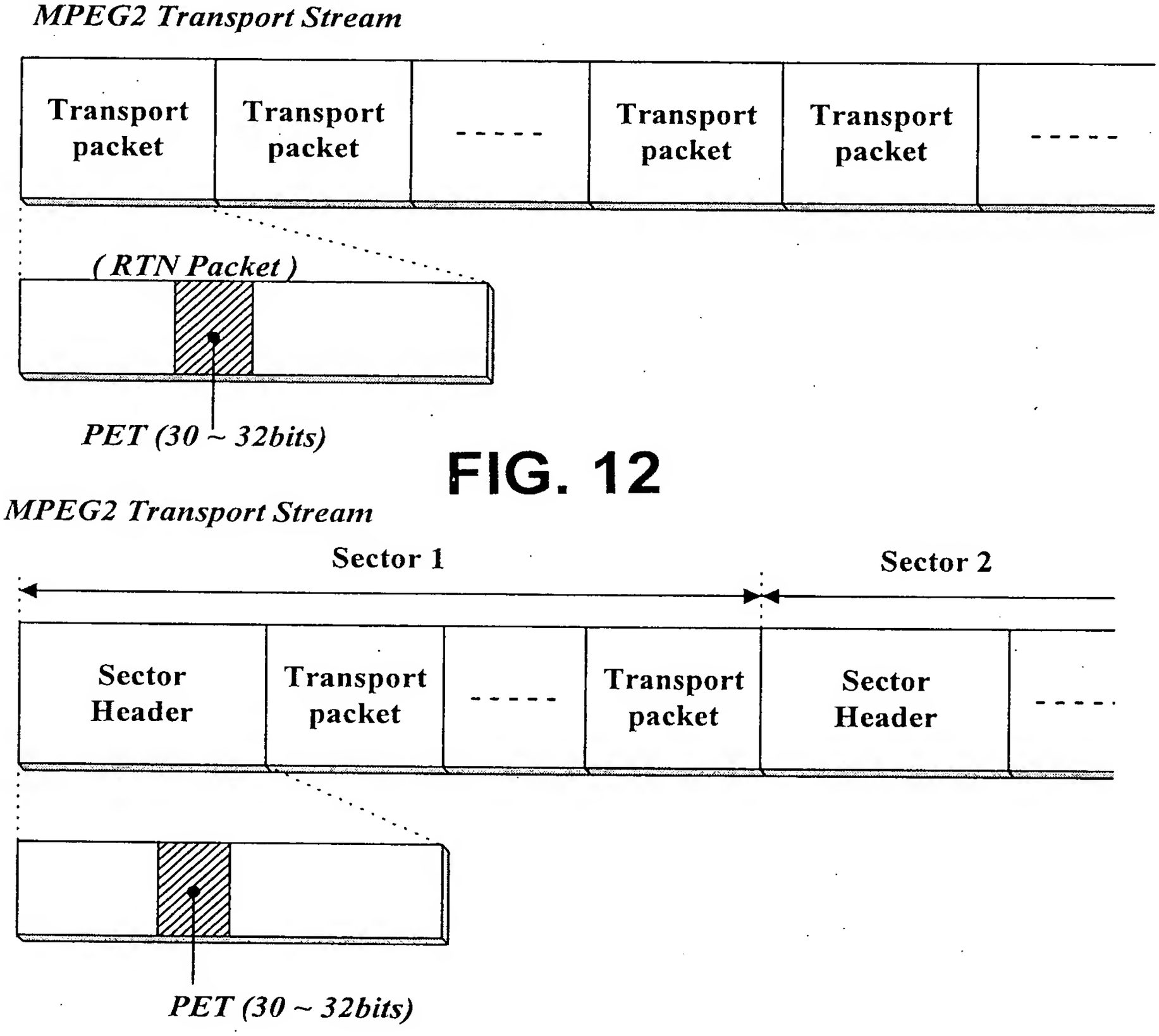

FIG. 12